

CONTROLTECH™ E-LR

ControlTech E-LR is a multi-layered, 100% solids high-performance epoxy lining system for the protection of concrete secondary containment or process areas.

A durable lining system which is resistant to staining and chemical attack from common chemical solutions.

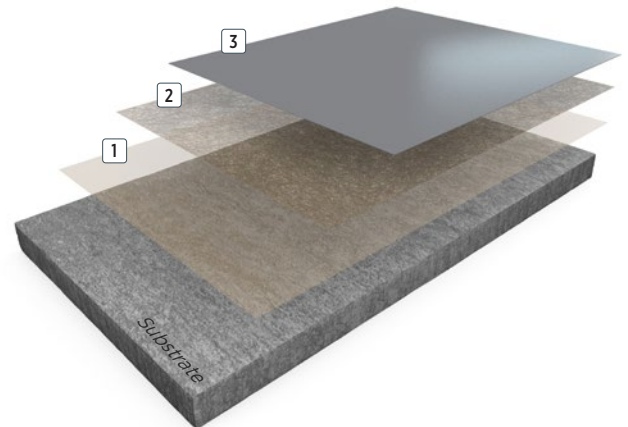
The glass fibre reinforcement improves tolerance to cracks and offers increased resistance to thermal shock.

BENEFITS

- Good chemical resistance
- Gloss finish
- Smooth finish
- Easily cleaned
- Seamless
- Low odour
- Available in a range of colours

USES

- Refinery bund areas
- Terminal tank farms
- Loading areas
- Pharmaceutical manufacturing
- Chemical plants
- Food and beverage manufacturing
- Data centres
- Semiconductor manufacturing
- Industrial manufacturing



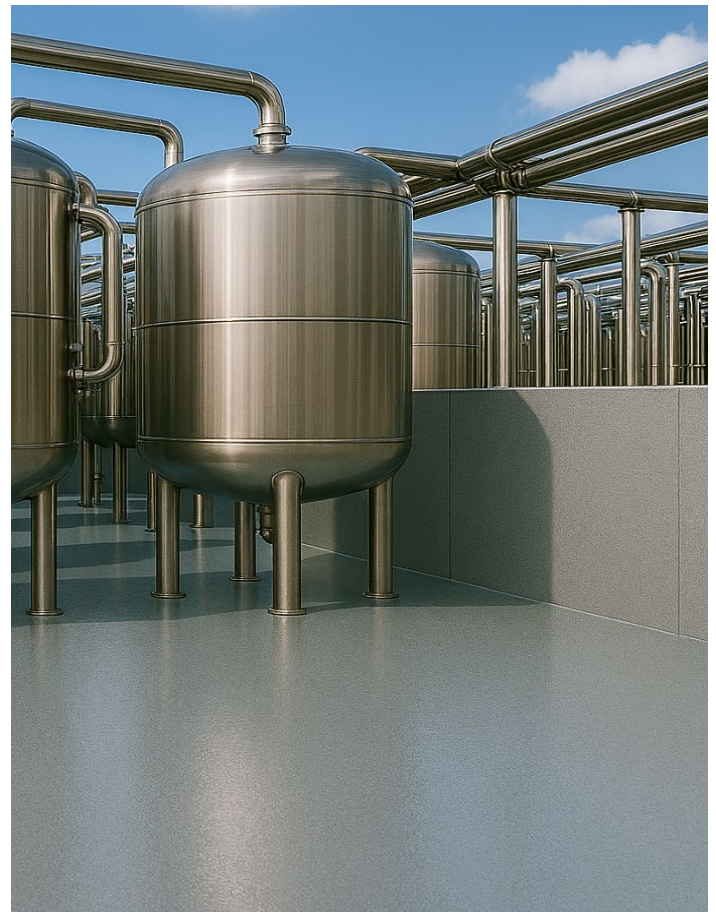
3 Topcoat: **Resufloor™ HB**

2 Saturant & Reinforcement: **Resuprime™ ST**
(with saturated 450gm² Glass fibre chopped strand matting)

1 Primer: **Resuprime™ ST** or **Resuprime MVT**

* Optional broadcast with 0.3-0.8mm quartz sand for a slip resistant profile

1500µm (1.5mm)



FEATURED COLOURS



Flint



Salsa



Forest Green

This reproduction approximates the actual colour. Factors such as the type of product, degree of gloss, texture, size and shape of area, lighting, heat, or method of application may cause colour variance.

SYSTEM COMPOSITION

Coat	Product options	Theoretical consumption kg/m ²	Application
Primer	Resuprime™ ST*	0.3	Squeegee/roller
Saturant	Resuprime ST	0.85	Squeegee/roller
Reinforcement	450gm ² CSM	0.45	Squeegee/roller
Topcoat	Resufloor™ HB	0.4	Squeegee/roller
Approximate thickness 1500µm (1.5mm)			

* Where concrete moisture levels are above 75% RH use Resuprime MVT. Please consult product data sheet for consumption rates.

CHEMICAL RESISTANCE

Chemical	Resistant for 72 hours
Xylene	No change
Ethanol	No change
MEK	No change
Sodium Hydroxide 20%	No change
Aviation Fuel	No change
Aromatic Hydrocarbons	No change
Skydrol	No change
Potassium chloride (all concentrations)	No change
Formaldehyde 40%	No change
Crude Oil	No change

TYPICAL CURE TIMES

Temperature	10°C	20°C	30°C
Foot traffic	24 - 36 hrs	12 - 16 hrs	8 - 10 hrs
Full traffic	72 - 96 hrs	48 - 72 hrs	24 - 36 hrs
Full chemical cure	10 - 12 days	7 - 10 days	5 days

TYPICAL PHYSICAL PROPERTIES

Abrasion resistance	ASTM D4060 CS 17 1kg load 1000 cycles	140 mg
Bond strength	BS EN 13892 - 8:2002	>3 N/mm ² (substrate failure)
Impact resistance	BS EN 1504-2:2004	Class II
Ease of decontamination	ISO 8690:1988	Excellent

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams High Performance Flooring delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe.

